

DISABILITY AND REHABILITATION

An international, multidisciplinary journal

Contents of Volume 16 (1994), Numbers 1-4



Taylor & Francis
Publishers since 1798

DISABILITY AND REHABILITATION

EDITOR:

Professor Dave Müller
Suffolk College, Rope Walk, Ipswich, Suffolk IP4 1LT, UK

EDITORIAL BOARD

Dr Elizabeth Badley

Director, The Arthritis Community Research & Evaluation Unit, Wellesley Hospital Research Institute, 160 Wellesley Street East, Toronto, Ontario, Canada M4Y 1J3

Dr Naoichi Chino

School of Medicine, Keio University, 35 Shinanomachi, Shinjuku, Tokyo 160, Japan

Professor C. Code

School of Communication Disorders, University of Sydney, Cumberland College of Health Sciences, East St (PO Box 170) Lidcombe, NSW 2141 Australia

Professor Bryn Davis

Dean of Nursing Studies, University of Wales, College of Medicine, Heath Park, Cardiff CF4 4XM, UK

Dr Alan Doube

Waikato Hospital, Private Bag 3200, Hamilton, New Zealand

Professor Gunnar Grimby

Department of Rehabilitation Medicine, University of Göteborg, S-413 45 Göteborg, Sweden

Professor Assen Jablensky

Department of Psychiatry and Behavioural Science, Royal Perth Hospital, Wellington Street, Perth, Western Australia 6000

Dr Marijke W. de Kleijn de Vrankrijker

TNO Institute of Preventative Health Care, Wassenaarseweg 56, PO Box 124, 2300 AC Leiden, The Netherlands

Professor Shrawan Kumar

Department of Physical Therapy, Faculty of Rehabilitation Medicine, University of Alberta, 2-50 Corbett Hall, Edmonton, Canada T6G 2G4

Dr Céline Lamarre

Institut de Réadaptation de Montreal, 6300 Avenue Darlington, Montreal, Canada H3S 2J4

Professor Crt Marincek

University Rehabilitation Institute, 61001 Ljubljana, Linhartova 51, Slovenia, POB 381

Professor Pierre Minaire

Hôpitaux de St Etienne, CHRU, Hôpital de Bellevue, Boulevard Pasteur 42023, F-42055 St Etienne Cedex, France

Professor Diane Newham

Head of Physiotherapy Group, King's College, University of London, Normanby College, Denmark Hill Campus, London SE5 9RS, UK

Ms Els Nieuwenhuijsen

Center for Occupational Rehabilitation and Health, University of Michigan Medical Center, Ann Arbor, MI 48104, USA

Professor Donald L. Patrick

School of Public Health and Community Medicine, University of Washington, Seattle, WA 98195, USA

Dr Alan S. Rigby

Nuffield Institute for Health and the Department of Clinical Medicine, University of Leeds, 71-75 Clarendon Road, Leeds LS2 9PL, UK

Dr Haim Ring

Director Neurological Rehabilitation Ward and the Institute for Functional Evaluation, Loewenstein Hospital, Tel-Aviv University Medical School, PO Box 3, Raanana 43100, Israel

Professor Dennis Smith

Royal Rehabilitation Centre Sydney, 227-259 Morrison Road, PO Box 6, Ryde, NSW 2112, Australia

Professor C. W. Wallesch

Department of Neurology, Leipziger Strasse 44, D-39120 Magdeburg, Germany

Dr Gareth H. Williams

Senior Research Fellow, Department of Sociology, University of Salford, Salford M5 4WT, UK

Professor Elizabeth J. Yerxa

University of Southern California, Route 1, 196 Columbine, Bishop, California 93514, USA

SUBSCRIPTION AND COPYRIGHT INFORMATION

DISABILITY AND REHABILITATION (ISSN 0963-8288) is published quarterly by Taylor & Francis Ltd, 4 John Street, London WC1N 2ET, UK.

Annual subscription 1994 £82, \$138.

Second class postage paid at Jamaica, NY 11431. USA Postmasters: send address changes to DISABILITY AND REHABILITATION, Publications Expediting Inc., 200 Meacham Avenue, Elmont, NY 11003. Air freight and mailing in the USA by Publications Expediting Inc., 200 Meacham Avenue, Elmont, NY 11003.

Printed in UK by Burgess Science Press, Rankine Road, Basingstoke, Hampshire RG24 8PR, UK.

Dollar rates apply to subscribers in all countries except the UK and the Republic of Ireland where the pound sterling price applies. All subscriptions are payable in advance and all rates include postage. Journals are sent by air to the USA, Canada, Mexico, India, Japan and Australasia. Subscriptions are entered on an annual basis, i.e. from January to December. Payment can be made by sterling cheque, dollar cheque, international money order, National Giro, or credit card (AMEX, VISA, Mastercard/Access). Orders originating in the following territories should be sent direct to the local distributors: *Australia* R. Hill & Son Ltd, Suite 2, 119 Gardenvale Road, Gardenvale, Victoria 3185. *New Zealand* R. Hill & Son Ltd, Private Bag, Newmarket, Auckland 1. *India* Universal Subscription Agency Pvt. Ltd, 101-102 Community Centre, Malviya Nagar Extn, Post Bag No. 8, Saket, New Delhi 110017. *Japan* Kinokuniya Company Ltd, Journal Department, PO Box 55, Chitose, Tokyo 156. *USA, Canada and Mexico* Taylor & Francis, Inc., 1900 Frost Road, Suite 101 Bristol, PA 19007-1598. *UK and all other territories* Taylor & Francis Ltd, Rankine Road, Basingstoke, Hampshire RG24 8PR.

All advertisements enquiries to Taylor & Francis Ltd, Basingstoke (0256) 840366 or Taylor & Francis Inc., Washington (202) 289 2174.

Copyright © 1994 Taylor & Francis Ltd.

All rights reserved. Authors are themselves responsible for obtaining permission to reproduce copyright material from other sources and are required to sign a form for agreement of the transfer of copyright. All requests from third parties to reprint material held in copyright by Taylor & Francis must be referred to the author for consent as a condition of the granting by Taylor & Francis of permission for reproduction. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form, or by any means, electronic, electrostatic, magnetic, mechanical, photocopying, recording or otherwise, without prior permission in writing from the copyright holder.

Authorization to photocopy items for internal or personal use, or the internal or personal use of specific clients, is granted by Taylor & Francis Ltd for libraries and other users registered with the Copyright Clearance Centre (CCC) Transactional Reporting Service, provided that the base fee is paid directly to CCC, 27 Congress Street, Salem, Massachusetts 01970, USA. (For fee per article see copyright code at foot of each article.) This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising, for creating new collective works, or for resale. Fees for past articles are the same as those shown for current articles.

DISABILITY AND REHABILITATION is covered by the following abstracting and indexing services: *BLDoc*, *Excerpta Medica*, *Index Medicus*, *Science Citation Index*.

NUMBER 1 JANUARY-MARCH 1994

Special Issue: Managing Chronic Pain

edited by Bryn D. Davis

Guest editorial

Bryn D. Davis

1

RESEARCH PAPERS

Mechanical back pain and the facet joint syndrome

M. Mehta and C. B. Wynn Parry

2

Pain and the placebo in rehabilitation using TENS and laser

M. J. Simmonds and S. Kumar

13

Prediction of pain rehabilitation outcomes by motivation measures

R. T. Goldberg and R. J. Maciewicz

21

The effects of a cognitive-behavioural pain management programme on the quality of work and employment status of severely impaired chronic pain patients

I. H. Richardson, P. H. Richardson, A. C. de C. Williams, J. Featherstone and V. R. Harding

26

Mood assessment in chronic pain patients

B. Sofaer and J. Walker

35

The socioeconomic impact of chronic pain

J. Latham and B. D. Davis

39

Pain in children: developing a programme of research

H. H. Abu-Saad

45

ACKNOWLEDGEMENTS

51

ANNOUNCEMENTS

52

NUMBER 2 APRIL-JUNE 1994

RESEARCH PAPERS

Differences in job placements between men and women with mental retardation

J. M. Levy, S. Botuck, P. H. Levy, M. E. Kramer, B. S. Murphy and A. Rimmerman

53

Age-related changes in balance performance

J. A. Balogun, K. A. Akindele, J. O. Nihinlola and D. K. Marzouk

58

Inter-rater agreement of two functional independence scales: the Functional Independence Measure (FIM) and a subjective uniform continuous scale

N. Chau, S. Daler, J. M. André and A. Patris

63

REHABILITATION IN PRACTICE

Disease, impairment, disability and social handicap: a community based study of people aged 70 years and over

A. J. Campbell, W. J. Busby, M. C. Robertson, C. L. Lum, J. A. Langlois and F. C. Morgan

72

Medical activity during an international sporting competition for the physically disabled: Saint-Etienne World Handicapped Sport Championships

P. Calmels, M. Genevriér, C. Braize, E. Chometon, H. Olagnier, J. B. Piera-Andres and P. Minaire

80

REHABILITATION ENGINEERING

Assistive devices in an elderly population studied at 70 and 76 years of age <i>U. Sonn and G. Grimby</i>	85
BOOK REVIEWS	93
ANNOUNCEMENTS	94

NUMBER 3 JULY-SEPTEMBER 1994

Special Issue:

Disability and Rehabilitation in Older Persons

edited by Jack James and Victor Minichiello

Editorial:

Disability and rehabilitation in older persons: biopsychosocial foundations <i>J. E. James and V. Minichiello</i>	95
--	----

RESEARCH PAPERS

Disability in dementia: assessment, prevention, and rehabilitation <i>A. F. Jorm</i>	98
Stroke: a family dilemma <i>R. L. Evans, R. T. Connis, D. S. Bishop, R. D. Hendricks and J. K. Haselkorn</i>	110
Fractures in older persons <i>Karl-Göran Thorngren</i>	119
Pain in older persons <i>S. J. Gibson, B. Katz, T. M. Corran, M. J. Farrell and R. D. Helme</i>	127
Urinary incontinence in the elderly <i>Janet Gardner and David Fonda</i>	140
Driving competence in older persons <i>W. H. Brouwer and R. W. H. M. Ponds</i>	149
Rehabilitation of older injured workers <i>S. A. Thomas, C. J. Browning, and K. M. Greenwood</i>	162
Education and training of aged-care providers <i>Jane E. Myers</i>	171
Community care for Canadian seniors: an exercise in educational planning <i>B. Pickles, A. U. Topping and K. A. Woods</i>	181
ANNOUNCEMENTS	190

NUMBER 4 OCTOBER-DECEMBER 1994

RESEARCH PAPERS

Carer burden after proximal femoral fracture <i>S. Quine, L. Helby, I. Cameron and D. Lyle</i>	191
Subjective weighting of disability: an approach to quality of life assessment in rehabilitation <i>H. Laman and G. J. Lankhorst</i>	198

On non-work activity preferences: relationships with occupational roles <i>I.-B. Bränholm and A. R. Fugl-Meyer</i>	205
REHABILITATION IN PRACTICE	
Mobility function of the elderly living with their children and its relation to the home health care system in Tokyo <i>F. Takeuchi, T. Takano and K. Nakamura</i>	217
CLINICAL COMMENTARY	
Goals in rehabilitation teamwork <i>H. A. Schut and H. J. Stam</i>	223
BOOK REVIEWS	227
ACKNOWLEDGEMENTS	229
ANNOUNCEMENTS	229
KEYWORD INDEX	230
INDEX OF AUTHORS	231